

### LISTING OF CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-18 (Canceled)

Claim 19 (Previously amended): An isolated antibody or antigen binding fragment thereof which specifically binds to a CD39L4 polypeptide having the amino acid sequence of SEQ ID NO: 6.

Claim 20 (Previously added): The antibody of claim 19 which is a monoclonal antibody.

Claim 21 (Previously amended): The antigen binding fragment of claim 19 which is an antigen binding fragment of a monoclonal antibody.

Claim 22 (Previously added): A hybridoma which produces the monoclonal antibody of claim 20.

Claim 23 (Previously added): The antibody of claim 19 which is a polyclonal antibody.

Claim 24 (Previously amended): The antigen binding fragment of claim 19 which is an antigen binding fragment of a polyclonal antibody.

Claim 25 (Currently amended): A labeled antibody, wherein ~~The the~~ antibody of claim 19 which comprises a detectable label.

Claim 26 (Currently amended): The labeled antibody of claim 25 wherein the detectable label is a radioisotope, affinity label, enzymatic label, fluorescent label or paramagnetic moiety.

**Claim 27 (Canceled)**

**Claim 28 (Previously amended):** A kit comprising (a) the antibody or antigen binding fragment of claim 19 and (b) a polypeptide having the amino acid sequence of SEQ ID NO: 6 or an immunologically reactive fragment of said polypeptide.

**Claim 29 (Previously amended):** A kit comprising (a) the antibody or antigen binding fragment of claim 19 and (b) a wash reagent or a reagent capable of detecting the presence of a bound antibody.